

4 the transmission start times and the transmission end times
5 of the modules received by the reception means,

6 wherein the data carousel definition means includes:

7 a time sort unit for sorting the transmission start times
8 and the transmission end times into the time order;

9 a carousel definition unit for defining the carousel
10 time period of each of the plurality of data carousel separated
11 by the sorted transmission start times and the transmission
12 end times;

13 a module selection unit for selecting modules to be
14 transmitted during the carousel time period; and

15 a carousel transmission information storage unit for
16 storing identification information of each module to be
17 transmitted during the carousel time period.

1 5. The content editing apparatus of Claim 4,

2 wherein the data carousel definition means further
3 includes

4 a carousel time period display unit for displaying each
5 carousel time period stored by the carousel transmission
6 information storage unit, so as to be in correspondence with
7 the time divisions on the time axis displayed by the time
8 axis display unit.

1 6. The content editing apparatus of Claim 4, further

10. The content editing apparatus of Claim 8, further comprising:

standard response time change operation means for receiving, from the operator, input of a standard response time of the data carousel, when the standard response time of the data carousel displayed by the response time display means needs to be changed;

data transmission bit rate calculation means for dividing a total size of the data carousel by the input standard response time to obtain the transmission bit rate; and

data transmission bit rate display means for displaying the calculated transmission bit rate.

11. A content editing method for editing digital broadcast content that is composed of a plurality of data carousels for realizing pseudo-interaction, the content editing method comprising:

a reception step for receiving, from an operator, transmission start times and transmission end times of modules forming each data carousel; and

a data carousel definition step for

(a) sorting the received transmission start times and the transmission end times into a time order,

(b) defining a carousel time period of each of the plurality of data carousels separated by the sorted

13 transmission start times and the transmission end times, and
14 (c) selecting modules to be transmitted during the
15 carousel time period.

1 12. A program for making a computer execute a content
2 editing method for editing digital broadcast content that
3 is composed of a plurality of data carousels for realizing
4 pseudo-interaction, the content editing method comprising:

5 a reception step for receiving, from an operator,
6 transmission start times and transmission end times of modules
7 forming each data carousel; and

8 a data carousel definition step for

9 (a) sorting the received transmission start times and
10 the transmission end times into a time order,

11 (b) defining a carousel time period of each of the
12 plurality of data carousels separated by the sorted
13 transmission start times and the transmission end times, and

14 (c) selecting modules to be transmitted during the
15 carousel time period.

1 13. A computer-readable storage medium that can be
2 applied to a content editing apparatus that edits digital
3 broadcast content that is made up of a plurality of data
4 carousels for realizing pseudo-interaction, the
5 computer-readable storage medium storing a program

13 defined validity period.

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